

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 Claim 1 (original): A method for manufacturing a preparation  
2 carrier, in particular suitable for use in chemical and  
3 biochemical research, wherein:  
4 - on at least one surface of a carrier base, a layer of  
5 plastic is provided,  
6 - wherein the plastic layer is treated thermally and/or  
7 chemically, such that the surface roughness of the side of  
8 the plastic that faces the carrier base is reduced, while it  
9 does not adhere to the carrier base,  
10 - whereupon the plastic is removed from the carrier base,  
11 with the released, relatively smooth surface of the plastic  
12 forming a carrier surface.
- 1 Claim 2 (original): A method according to claim 1, wherein  
2 the plastic is provided over the at least one relevant face  
3 of the carrier base by melting said plastic at least  
4 partially.
- 1 Claim 3 (previously amended): A method according to claim 1,  
2 wherein as plastic, a monomer or polymer is used having at  
3 least one active group for the relevant preparation, in  
4 particular a group that can be used for forming an amino  
5 group such as a -COOH or a -COO-methyl group.

1 Claim 4 (previously amended): A method according to claim 1,  
2 wherein the carrier surface is treated such that the carrier  
3 surface comprises at least one active group for the relevant  
4 preparation, in particular a group that can be used for  
5 forming an amino group such as a -COOH or a -COO-methyl  
6 group.

1 Claim 5 (original): A method according to claim 4, wherein  
2 the carrier  
3 surface is grafted with a plastic, in particular by means  
4 of a monomer or polymer, preferably acrylic acid or methyl  
5 acrylate.

1 Claim 6 (previously amended): A method according to claim 4,  
2 wherein by introduction of -NH<sub>2</sub> groups in, or at least on  
3 the carrier surface, the surface roughness thereof is  
4 reduced.

1 Claim 7 (previously amended): A method according to claim 4,  
2 wherein at least the plastic layer on at least the carrier  
3 surface is brought into contact with a solution of a  
4 monomer, whereupon the plastic and the solution are treated  
5 such that polymerization of at least a portion of the  
6 monomer occurs on the carrier surface, for which purpose,  
7 preferably, the plastic together with the solution is  
8 exposed to radiation.

1 Claim 8 (original): A method according to claim 7, wherein  
2 the carrier  
3 surface is provided with a polymerized adhesive layer of a  
4 relatively slight thickness, preferably a thickness of at  
5 the most a few atoms or relatively flat chains.

1 Claim 9 (previously amended): A method according to claim 3,  
2 wherein the active groups are converted into amino groups by  
3 means of linkers.

1 Claim 10 (previously amended): A method according to claim  
2 3, wherein information-carrying polymers are coupled or  
3 synthesized to at least a number of active groups,  
4 optionally through the agency of suitable linkers.

1 Claim 11 (previously amended): A method according to claim  
2 1, wherein a carrier base is used having a particularly low  
3 surface roughness of at least the fare to which the plastic  
4 is applied, preferably having a surface roughness in the  
5 order of magnitude of atomic roughness or slightly  
6 thereabove.

1 Claim 12 (original): A method according to claim 11, wherein  
2 a base carrier is used of which at least said face is  
3 manufactured from mica or glass or a material which is  
4 comparable therewith in respect of surface roughness,  
5 hardness and porosity, preferably from glass.

1 Claim 13 (previously amended): A method according to claim  
2 1, wherein the carrier surface is formed by or comprises at  
3 least one substantially spherical body having a diameter  
4 such that in the plastic, on the side facing the carrier, at  
5 least one and preferably a matrix of wells is obtained  
6 having a volume of less than 3  $\mu\text{l}$ , preferably lose than 1  $\mu\text{l}$   
7 and in particular less than 0.1  $\mu\text{l}$ .

Claims 14-21 (canceled)